

Title (en)

LOW POLLUTING EMISSION GAS BURNER

Title (de)

GASBRENNER MIT GERINGER SCHADSTOFFEMISSION

Title (fr)

BRULEUR A GAZ A FAIBLES EMISSIONS DE POLLUANTS

Publication

EP 1704367 A1 20060927 (EN)

Application

EP 04819221 A 20041125

Priority

- EP 2004013406 W 20041125
- IT MI20032327 A 20031128

Abstract (en)

[origin: WO2005052446A1] Gas burner (1) comprising a main metal body (6), an inner lance (11) for combustible gas, at least two outer lances (10) for combustible gas, a single duct (8) for conveying pre-heated air, a regulation system for the combustible gas, a refractory unit (30), characterized in that said gas burner (1) comprises a series of nozzles (20) for the injection of the preheated air into the combustion chamber, and in that, by operating on the gas regulation system, it is possible to switch, with continuity, from a flame functioning mode of the burner to a flameless functioning mode, the latter characterized by low emissions of polluting agents.

IPC 8 full level

F23D 14/22 (2006.01); **F23D 14/66** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2005052446A1

Cited by

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DOCDB simple family (publication)

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